OmniRx Seismic Restraint Installation Guide

60-0023 Rev C

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Table of Contents

OmniRx Seismic Restraint 1-1
Overview 1-1
Seismic Restraint Kit 1-1
Anchors and Bolts 1-1
Procedures 1-1
Bracket Positioning 1-1
Brackets Installation 1-2
Cabinet Fitting 1-4

Documentation Feedback FB-1

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OmniRx Seismic Restraint

Brackets are used to secure the OmniRx cabinet in case of an earthquake. These restraints help minimize injury to hospital personnel and damage to equipment by eliminating cabinet movement.

Overview

This document provides instructions for installing seismic restraint brackets on an OmniRx cabinet. It is divided into the three sections that make up the installation:

- Bracket positioning for drilling
- Bracket mounting
- Fitting the OmniRx onto the brackets

The following kit is required in order to install the seismic restraint brackets.

Seismic Restraint Kit

Part Number	Description	Quantity
14-1127	Kit, Seismic Restraint OmniRx 2007	1
53-2085	Left Seismic Restraint Bracket	1
53-2086	Right Seismic Restraint Bracket	1
53-2087	Seismic Restraint Cap Bracket	2
94-6220	½ - 13 x 2¼ Hex Bolt, Grade 8	2
94-6178	½ SAE Flat Washer	6

Anchors and Bolts

It is the responsibility of the facility to acquire the specific anchor type required for that installation.

Procedures

Bracket Positioning

1. Locate the exact space the OmniRx will occupy permanently. Take into account the amount of space needed to house the OmniRx plus additional space to be able to reach the connections at the rear of the PC box.

Note: The OmniRx must be an additional ½ inch away from the wall during this step so that the anchoring pins do not engage the frame.

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2. Mark the position of the brackets on the floor.

Figure 1-1. Mark the position on the floor

3. Have a contractor drill eight holes in the exact locations marked.

Note: It is the responsibility of the structural engineer of record to authorize any permanent changes (i.e., drill holes) to the floor of the facility. Omnicell employees should never perform any procedures that involve permanently modifying the facility's structure.

Brackets Installation

Note: If it is necessary to hammer the anchors, take care not to damage the threads.

1. Expand the anchor by tightening the nut to the manufacturer's specification.

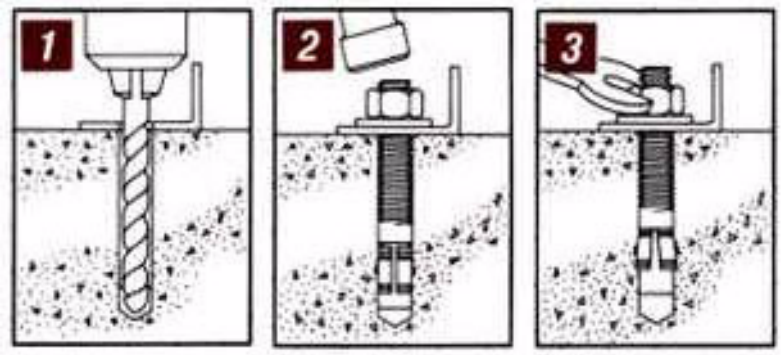

Figure 1-2. Install the anchor/bracket

2. Move the unit onto the brackets.
3. Make sure each bracket is away from the side of the unit by approximately 1/16th of an inch.
4. Transfer the locations of the dowel pins on the brackets to the OmniRx cabinet.
5. Mount the caps loosely with ½ inch bolts.

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6. Use a hammer to mark the location of the pins on the OmniRx cabinet.

Figure 1-3. Mark the pin locations

7. Remove the OmniRx cabinet from the brackets.
8. Use a hammer to center-punch the OmniRx at the locations of the dowels to make drilling easier.
   - Two spots in front

Figure 1-4. Center-punch the dowel locations (front)

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- Two spots in back

Figure 1-5. Center-punch the dowel locations (rear)

9. Drill four ½ inch diameter mounting holes—two in front and two in back of the OmniRx cabinet.

Cabinet Fitting

1. Move the OmniRx onto the brackets and seat against the back surface of the brackets. Make sure the mounting pins on the back of both brackets align and are inserted into the two holes drilled in the lower right and left back of the unit.

Note: If there are problems with alignment loosen the anchoring bolts and re-position the brackets.

2. Mount the caps onto the front of the OmniRx with the ½ - 13 x 2¼ hex bolt.

Note: A ½ SAE flat washer may be needed to make the cap parallel with the front surface of the OmniRx.

3. Attach each cap while aligning the mounting pins on the cap with the mounting holes on the front of the OmniRx.

Note: If there are problems with alignment, loosen the anchoring bolts and reposition the brackets.

4. Tighten the 1/2" front bolts to 40-50 ft.-lbs.

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